

REMARKS/ARGUMENTS

The Amendments to the Specification adds punctuation marks and corrects grammatical errors that were inadvertently overlooked at the time of filing. These amendments do not constitute new matter.

In responding to the Examiner's prior art rejections, the Applicants here only justify the patentability of the independent claims (1 and 8). As the Examiner will appreciate, should these independent claims be patentable over the prior art, narrower dependent claims would also necessarily be patentable. Accordingly, the Applicants do not separately discuss the patentability of the dependent claims, although they reserve the right to do so at a later time if necessary.

Claims 1-12 are rejected under 35 USC 103(a) as being unpatentable over Pepperling (USPN 6,715,360) in view of Ito (USPN 5,158,390). The Applicants disagree that Pepperling in view of Ito renders their claimed invention obvious.

Each claim of the present application has been amended to recite or depends from claims that recite:

A method of assembling a *high* pressure sensor with a knurl press-fit
for use in an *automotive environment*,..

As set forth in the specification, the present invention provides a low cost, *high pressure* assembly that is able to withstand the internal and external stresses in an *automotive environment* (see page 3, lines 15-16). The sensor assembly is a simple, one-piece assembly that is semi-rigid, which allows some lateral movement to prevent mounting stress sensor error (see page 3, lines 16-18). Thus, the present invention has better stress isolation of the pressure port to external stresses which results in better accuracy in the pressure movement (page 5, lines 1-3). The pressure sensor assembly of the present invention can be used in various pressure applications including engine oil pressure, braking systems, fuel injection systems, and the like (see page 7, lines 4-6).

In contrast, Pepperling describes a *low pressure* gauge sensor for hazardous applications, such as natural gas distribution applications. Pepperling clearly describes the pressure sensing element as being a 0-3 pounds per square inch sensor when the pressure sensor assembly is used in applications requiring the control and/or

monitoring of relatively low pressures, such as natural gas distribution applications (see col. 4, lines 57-61). A person of ordinary skill in the art knows that a high pressure in an automotive environment is significantly higher than 0-3 pounds per square inch. Thus, nowhere do the cited references teach, suggest or make obvious using a *high pressure sensor* with a knurl press-fit for *use in an automotive environment*.

Since the differences between the subject matter as claimed and the cited references are so clearly significant, the Applicants assert that the subject matter as a whole would not have been obvious to one of ordinary skill in the art at the time the invention was made. In accordance, the Applicants assert that the cited references fail to teach, suggest or make obvious the invention of the present application.

As the Applicants believe that the amendments overcome all substantive rejections and objections given by the Examiner and have complied with all requests properly presented by the Examiner, the Applicants contend that this Amendment, with the above discussion, overcomes the Examiner's objections to and rejections of the pending claims. Therefore, the Applicants respectfully solicit allowance of the application. If the Examiner is of the opinion that any issues regarding the status of the claims remain after this response, the Examiner is invited to contact the undersigned representative at (847) 576-0741.

The Commissioner is hereby authorized to charge any necessary fee, or credit any overpayment, to Motorola, Inc. Deposit Account No. 50-2117.

Respectfully submitted,
Daniel J. Bratek, et al.

By: 

Terri S. Hughes
Attorney for Applicants
Registration No. 41,856
Phone No.: 847/576-0741
Fax No.: 847/576-0721